



P.B.5818 - Patentlaan 2  
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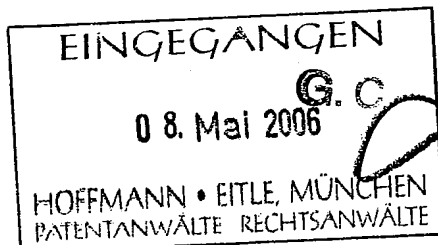
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|   |   |
|---|---|
| Reference<br>104 353 a/fi               | Application No./Patent No.<br>04016826.2 - 2415 |
| Applicant/Proprietor<br>FUJITSU LIMITED |   |

### COMMUNICATION

The European Patent Office herewith transmits the partial European search report under Rule 46(1) EPC relating to the above-mentioned European patent application.

Copies of the documents cited in the search report are enclosed.

The applicant's attention is drawn to the following:

The Search Division informs the applicant that if the European search report is also to cover inventions other than the invention first mentioned in the claims, a further search fee must be paid for each of these inventions, within **one month** after notification of this communication.

If the application has been filed up to 30 June 1999, the search fee in force before 01 July 1999 (EUR 869,-) or the equivalent applicable on the date of payment is payable.

**This applies also to the search fees requested under Rule 46(1) EPC.**

See also OJ EPO 06/1999, 405.

- ☐ The abstract was modified by the Search Division and the definitive text is attached to the present communication.
- ☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

### Note to users of the automatic debiting procedure:

Unless the EPO receives prior instructions to the contrary, the search fee(s) will be debited on the last day of the period for payment. For further details see the Arrangements for the automatic debiting procedure, Supplement 2 to OJ EPO 01/2005.





European Patent  
Office

# PARTIAL EUROPEAN SEARCH REPORT

under Rule 46, paragraph 1 of the European Patent Convention

Application Number

EP 04 01 6826

| DOCUMENTS CONSIDERED TO BE RELEVANT   |   |  |   |
|---|---|--|---|
| Category  | Citation of document with indication, where appropriate, of relevant passages                             | Relevant to claim  | CLASSIFICATION OF THE APPLICATION (IPC) |
| X   | US 6 348 984 B1 (MIZRAHI VICTOR)<br>19 February 2002 (2002-02-19)<br>* the whole document *               | 1-10,<br>13-17,20  | INV.<br>H04J14/02                       |
| A   | EP 1 077 552 A (SIEMENS<br>AKTIENGESELLSCHAFT)<br>21 February 2001 (2001-02-21)<br>* the whole document * | 1-10,<br>13-17,20  |   |
| A   | US 2003/091274 A1 (VOHRA SANDEEP J ET AL)<br>15 May 2003 (2003-05-15)<br>* the whole document *           | 1-10,<br>13-17,20  |   |
|   |   |  | TECHNICAL FIELDS<br>SEARCHED (IPC)      |
|   |   |  | H04J                                    |
| LACK OF UNITY OF INVENTION  |   |  |   |
| The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:               |   |  |   |
| see sheet B   |   |  |   |
| The present partial European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.  |   |  |   |
| Place of search   |   | Date of completion of the search   | Examiner                                |
| Munich  |   | 13 April 2006  | Belloni, P                              |
| CATEGORY OF CITED DOCUMENTS   |   |  |   |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |   | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |   |

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EPO FORM 1503 03.82 (P04C27)



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-10, 13-17 and 20

An optical add/drop multiplexer structure allowing flexible channel spacing/sharing within assigned sub-bands along a ring network (see claim 1)

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2. claims: 11, 12, 18 and 19

An optical ADM structure allowing amplification of particular sub-bands of the network (see claim 11)

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 01 6826

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-04-2006

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) |             | Publication<br>date |
|---|----|---------------------|----------------------------|-------------|---------------------|
| US 6348984                                | B1 | 19-02-2002          | NONE                       |             |                     |
| EP 1077552                                | A  | 21-02-2001          | DE                         | 19938996 A1 | 29-03-2001          |
| US 2003091274                             | A1 | 15-05-2003          | WO                         | 03041320 A2 | 15-05-2003          |